

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptau153cxa

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/CAPLUS records now contain indexing from 1907 to the
present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/CAPLUS
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
available
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
databases
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPLUS
NEWS 22 FEB 05 German (DE) application and patent publication number format
changes
NEWS 23 MAR 03 MEDLINE and LMEDLINE reloaded
NEWS 24 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 25 MAR 03 FRANCEPAT now available on STN

NEWS EXPRESS MARCH 5 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 3 MARCH 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

All use of STN is subject to the provisions of the STN Customer
agreement. Please note that this agreement limits use to scientific
research. Use for software development or design or implementation

of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:09:45 ON 25 MAR 2004

```
=> ile caplus uspatful europatful japio medline biosis embase
ILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).
```

```
=> file caplus uspatful europatful japio medline biosis embase
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                    ENTRY      SESSION
FULL ESTIMATED COST                               0.21      0.21
```

FILE 'CAPLUS' ENTERED AT 08:10:29 ON 25 MAR 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 08:10:29 ON 25 MAR 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EUROPATFULL' ENTERED AT 08:10:29 ON 25 MAR 2004
COPYRIGHT (c) 2004 WILA Verlag Muenchen (WILA)

FILE 'JAPIO' ENTERED AT 08:10:29 ON 25 MAR 2004
COPYRIGHT (C) 2004 Japanese Patent Office (JPO)- JAPIO

FILE 'MEDLINE' ENTERED AT 08:10:29 ON 25 MAR 2004.

FILE 'BIOSIS' ENTERED AT 08:10:29 ON 25 MAR 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'EMBASE' ENTERED AT 08:10:29 ON 25 MAR 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

```
=> s (CAD or CAM or (computer aided drafting) or (computer aided manufacturing))
5 FILES SEARCHED...
```

L1 361051 (CAD OR CAM OR (COMPUTER AIDED DRAFTING) OR (COMPUTER AIDED
MANUFACTURING))

```
=> s l1 and (tissue construct)
L2      10 L1 AND (TISSUE CONSTRUCT)
```

```
=> s l2 and hydrogel
L3          5 L2 AND HYDROGEL
```

```
=> s l3 and (negative mold)
L4      2 L3 AND (NEGATIVE MOLD)
```

```
=> s l3 and ((negative mold) or mold)
L5      3 L3 AND ((NEGATIVE MOLD) OR MOLD)
```

```
=> s l5 and ((precursor cell#) or chondrocyte# or osteocyte# or osteoblast# or
adipocyte#)
6 FILES SEARCHED...
```

L6 3 L5 AND ((PRECURSOR CELL#) OR CHONDROCYTE# OR OSTEOCYTE# OR
OSTEOBLAST# OR ADIPOCYTE#)

=> d 16 1-3 ibib abs

L6 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:258639 USPATFULL

TITLE: 207 human secreted proteins

INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Soppet, Daniel R., Centreville, VA, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Wei, Ying-Fei, Berkeley, CA, UNITED STATES
Florence, Charles, Rockville, MD, UNITED STATES
Hu, Jing-Shan, Mountain View, CA, UNITED STATES
Li, Yi, Sunnyvale, CA, UNITED STATES
Kyaw, Hla, Frederick, MD, UNITED STATES
Fischer, Carrie L., Burke, VA, UNITED STATES
Ferrie, Ann M., Painted Post, NY, UNITED STATES
Fan, Ping, Potomac, MD, UNITED STATES
Feng, Ping, Gaithersburg, MD, UNITED STATES
Endress, Gregory A., Florence, MA, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Yu, Guo-Liang, Berkeley, CA, UNITED STATES
Zeng, Zhizhen, Lansdale, PA, UNITED STATES
Greene, John M., Gaithersburg, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003181692	A1	20030925
APPLICATION INFO.:	US 2001-933767	A1	20010822 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2001-US5614, filed on 21 Feb 2001, PENDING Continuation-in-part of Ser. No. US 1998-205258, filed on 4 Dec 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-184836P	20000224 (60)
	US 2000-193170P	20000329 (60)
	US 1997-48885P	19970606 (60)
	US 1997-49375P	19970606 (60)
	US 1997-48881P	19970606 (60)
	US 1997-48880P	19970606 (60)
	US 1997-48896P	19970606 (60)
	US 1997-49020P	19970606 (60)
	US 1997-48876P	19970606 (60)
	US 1997-48895P	19970606 (60)
	US 1997-48884P	19970606 (60)
	US 1997-48894P	19970606 (60)
	US 1997-48971P	19970606 (60)
	US 1997-48964P	19970606 (60)
	US 1997-48882P	19970606 (60)
	US 1997-48899P	19970606 (60)
	US 1997-48893P	19970606 (60)
	US 1997-48900P	19970606 (60)
	US 1997-48901P	19970606 (60)
	US 1997-48892P	19970606 (60)
	US 1997-48915P	19970606 (60)
	US 1997-49019P	19970606 (60)

US 1997-48970P	19970606 (60)
US 1997-48972P	19970606 (60)
US 1997-48916P	19970606 (60)
US 1997-49373P	19970606 (60)
US 1997-48875P	19970606 (60)
US 1997-49374P	19970606 (60)
US 1997-48917P	19970606 (60)
US 1997-48949P	19970606 (60)
US 1997-48974P	19970606 (60)
US 1997-48883P	19970606 (60)
US 1997-48897P	19970606 (60)
US 1997-48898P	19970606 (60)
US 1997-48962P	19970606 (60)
US 1997-48963P	19970606 (60)
US 1997-48877P	19970606 (60)
US 1997-48878P	19970606 (60)
US 1997-57645P	19970905 (60)
US 1997-57642P	19970905 (60)
US 1997-57668P	19970905 (60)
US 1997-57635P	19970905 (60)
US 1997-57627P	19970905 (60)
US 1997-57667P	19970905 (60)
US 1997-57666P	19970905 (60)
US 1997-57764P	19970905 (60)
US 1997-57643P	19970905 (60)
US 1997-57769P	19970905 (60)
US 1997-57763P	19970905 (60)
US 1997-57650P	19970905 (60)
US 1997-57584P	19970905 (60)
US 1997-57647P	19970905 (60)
US 1997-57661P	19970905 (60)
US 1997-57662P	19970905 (60)
US 1997-57646P	19970905 (60)
US 1997-57654P	19970905 (60)
US 1997-57651P	19970905 (60)
US 1997-57644P	19970905 (60)
US 1997-57765P	19970905 (60)
US 1997-57762P	19970905 (60)
US 1997-57775P	19970905 (60)
US 1997-57648P	19970905 (60)
US 1997-57774P	19970905 (60)
US 1997-57649P	19970905 (60)
US 1997-57770P	19970905 (60)
US 1997-57771P	19970905 (60)
US 1997-57761P	19970905 (60)
US 1997-57760P	19970905 (60)
US 1997-57776P	19970905 (60)
US 1997-57778P	19970905 (60)
US 1997-57629P	19970905 (60)
US 1997-57628P	19970905 (60)
US 1997-57777P	19970905 (60)
US 1997-57634P	19970905 (60)
US 1997-70923P	19971218 (60)
US 1998-92921P	19980715 (60)
US 1998-94657P	19980730 (60)
US 1997-70923P	19971218 (60)
US 1998-92921P	19980715 (60)
US 1998-94657P	19980730 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

23

EXEMPLARY CLAIM:

1

NUMBER OF DRAWINGS: 10 Drawing Page(s)

LINE COUNT: 32746

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:287123 USPATFULL

TITLE: Injection molding of living tissues

INVENTOR(S): Bonassar, Lawrence J., Acton, MA, UNITED STATES

Rowley, Jon A., Ann Arbor, MI, UNITED STATES

Mooney, David J., Ann Arbor, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002159982	A1	20021031
APPLICATION INFO.:	US 2002-81897	A1	20020221 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-271104P	20010223 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	J. PETER FASSE, Fish & Richardson P.C., 225 Franklin Street, Boston, MA, 02110-2804	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	956	

AB The invention features methods of making living tissue constructs having a predetermined shape by providing a **negative mold** having a defined shape; suspending isolated tissue **precursor cells** in a **hydrogel** to form a liquid **hydrogel** -**precursor cell** composition; introducing the liquid **hydrogel-precursor cell** composition into the **mold**; inducing gel formation to solidify the liquid **hydrogel-precursor cell** composition to form a living **tissue construct**; and removing the living **tissue construct** from the **mold** after gel formation.

L6 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:273841 USPATFULL

TITLE: Tympanic membrane patch

INVENTOR(S): Bonassar, Lawrence J., Acton, MA, UNITED STATES

Hott, Morgan, Worcester, MA, UNITED STATES

Megerian, Clifford, Westborough, MA, UNITED STATES

Beane, Richard M., Hingham, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002151974	A1	20021017
APPLICATION INFO.:	US 2002-81360	A1	20020221 (10)

NUMBER	DATE
--------	------

PRIORITY INFORMATION: US 2001-271105P 20010223 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: J. PETER FASSE, Fish & Richardson P.C., 225 Franklin
Street, Boston, MA, 02110-2804
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 676
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention features methods of making living tissue constructs that
can be used to repair perforations in tympanic membranes, the repair
constructs themselves, and methods of repair.
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	4268754	(CAD or CAM or (computer aided draft\$) or (computer aided manufact\$))	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:55
2	BRS	L2	219879	L! and (tissue construct)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:55
3	BRS	L3	5151	12 and hydrogel	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:55
4	BRS	L4	3525	13 and ((precursor cell?) or chondrocyte? or osteocyte? or osteoblast? or adipocyte?)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:57
5	BRS	L5	1998	14 and ((negative mold) or mold)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:57

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	588	15 and alginate	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:57
7	BRS	L7	384	16 and ((divalent cation) or Ca)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:58
8	BRS	L8	0	17 and bone]	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:58
9	BRS	L9	222	17 and bone	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:59
10	BRS	L10	222	19 and (stem cell?)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 09:59

	Comments	Error Definition	Errors
6			0
7			0
8			0
9			0
10			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	213	l10 and (injection mold\$)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 10:01
12	BRS	L12	201	L11 and (chitosan or pluronic or collagen or agarose)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 10:03
13	BRS	L13	69	l12 and (method adj making)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 10:04
14	BRS	L14	1475	"l14" and (predetermined shape)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 10:04
15	BRS	L15	66	L13 and (predetermined shape)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2004/03/25 10:05

	Comments	Error Definition	Errors
11			0
12			0
13			0
14			0
15			0